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SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

COUNTRY Germany (Soviet Zone)

SUBJECT Feinmessgerätewerk Zwönitz

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1. The Feinmessgerätewerk Zwönitz, in Erzgebirge, is a former Siemens & Halske plant which manufactures chiefly electric control equipment for airplanes, motor vehicles, and electric installations for VEB plants (radio industry). As long as it belonged to the SAG plants, the production went mainly direct to the Soviet Union and there was no trouble about deliveries of material. Now there are shortages, especially of metal indispensable to the manufacture of contacts, but in spite of the tight material situation, production is currently increasing.
2. The electric control equipment turned out for the RFT industry consists mainly of millivolt (mV) apparatus with a measuring capacity up to one volt, and milliampere (mA) apparatus with a capacity up to 25 mA. They are chiefly for building into radio sets, and are delivered in bakelite housings. Their diameter is about 4 cm on the front side.
3. In deliveries for the Soviet Union greater importance is attached to the production of impulse returns (Impulswiederholern) for automatic control installations used in airways controls. This apparatus has approximate dimensions of 50 by 20 by 30 cm. It is not completely assembled at Zwönitz, but apparently is fitted with its transmitter tubes in the Soviet Union. Tubes about 5 cm high and having a metal top are used in the control stand. The equipment weighs about 3 kg. Between 10 and 12 are manufactured monthly. Tube sockets and various parts, and a quartz crystal, are enclosed in a basket-like aluminum case.
4. Navigation instruments have been manufactured for shipyards, but this production continued only for a few weeks. At the present time a frequency meter is being manufactured for Soviet Zone industry; also gasoline flowmeters for the Soviet Union, of which 132 were shipped out in August.

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